

Chem-Calk® 600

ONE COMPONENT; ACRYLIC-LATEX

PRODUCT NAME

Bostik® Chem-Calk® 600 — A One Component Acrylic Latex Caulking Compound, Gun Grade.

MANUFACTURER

Bostik Findley, Inc.
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PRODUCT DESCRIPTION

Chem-Calk® 600 sealant is an architectural grade acrylic latex caulking compound suitable for interior and limited exterior use.

Composition:

Chem-Calk® 600 acrylic latex polymer caulking compound has a consistency like toothpaste.

Basic Uses:

Chem-Calk® 600 caulking compound is designed for general purpose interior and limited exterior caulking and sealing in residential, architectural and industrial applications where no-to-slight movement is anticipated. Dries tack-free within 20 minutes—NO unsightly dirt pickup. Easily removed with water before cure is attained. Because Chem-Calk® 600 contains NO oils, it will NOT bleed, discolor or stain adjacent surfaces or latex paints.

Application Limitations:

- a) Chem-Calk® 600 sealant is not recommended for use in sealing horizontal decks, patios, driveways or terrace joints where abrasion or physical abuse is encountered.
- b) Chem-Calk® 600 sealant is not recommended for use in sealing submerged joints.
- c) Chem-Calk® 600 sealant is not

CHEM-CALK 600 TYPICAL PROPERTIES		
Test	Requirements	
Extrudability	2 gm./sec, minimum	Pass
Artificial weathering:		
Wash-out	none, after weathering	Pass
Slump	none, after weathering	Pass
Cracking	none, after weathering	Pass
Discoloration	as acceptable to purchaser	Pass
Adhesion Loss	25% max (estimated on the basis of a total possible bond area of 45.16 cm ² (7 in. ²))	Pass
Volume shrinkage	30% max.	Pass
Low-temperature	no cracking through to substrate or adhesion loss	Pass
Recovery	75% min. (average of all specimens)	Pass
Adhesion loss	25% max. (average of all specimens)	Pass
Slump	4 mm (0.15 in.) max (on each specimen)	Pass
Stain index	3 max	Pass
Tack-free time	no material adhering to plastic strip	Pass

- recommended for exterior or interior structural sealing below the waterline in marine applications.
- d) Chem-Calk® 600 sealant should be applied to substrates that are 40°F and rising.
- e) Chem-Calk® 600 sealant should not be applied with wet tooling techniques; using solvents, water or detergent/soap solutions is not recommended.
- f) Chem-Calk® 600 sealant should not be applied to surfaces with special protective or cosmetic coatings without prior consultation of the manufacturer. Such surfaces include, but are not limited to, mirrors, reflective glass, or surfaces coated with Teflon™, polyethylene or polypropylene.
- g) Protect from freezing.
- h) Chem-Calk® 600 sealant is not generally recommended for glazing applications.

Food Status:

Chem-Calk® 600 has NO food status. (See Chem-Calk® 1200 silicone sealant or Chem-Calk® 900 polyurethane sealant.)

Packaging:

- 10.3 fl. oz. cartridges (304 ml) (24 cartridges per case)
- 5-gallon bulk container (19 liter)

Colors:

Chem-Calk® 600 is available in white.

Applicable Standards:

Chem-Calk® 600 sealant conforms to Canadian Specification CAN/CGSB-19.17-M90.

TECHNICAL DATA

Chem-Calk® 600 acrylic latex caulking compound sealant has good resistance to normal weather conditions such as rain, sunlight, snow, sleet, ultraviolet radiation, ozone, atmospheric

Bostik® 7 Joint Sealers
One Component; Acrylic-Latex

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maximum efficiency. Consult Bostik Findley Technical Services or the equipment manufacturer for assistance in designing bulk pumping systems.

INSTALLATION

Chem-Calk® 600 acrylic latex caulking compound can be used in joints where no or limited movement is anticipated.

Priming:

Chem-Calk® 600 acrylic latex caulking compound does require priming for some common building materials, or if sealant is to be applied to a material with specially treated surfaces or of particularly unusual surface characteristics. Consult Bostik for primer recommendation.

Prior to any use, however, it is always recommended that a bead of sealant be applied on the surface to test adhesion. See Pretested Adhesion to Substrates Program.

Method of Application:

Install back-up material or joint filler, spacer shims and tapes as specified in the Bostik Sealant Application Guide. Apply Chem-Calk® 600 in a continuous operation using a positive pressure adequate to properly fill and seal the joint. Tool the sealant with adequate pressure to spread the sealant against the back-up material and onto the joint surfaces. A tool with a concave profile is recommended to keep the sealant within the joint.

Excess sealant should be dry-wiped from all surfaces while still uncured, following with a solvent wipe using water or a commercial solvent such as xylol, toluol, or methyl ethyl ketone. Should sealant accidentally begin to cure on adjacent porous surfaces, the excess sealant should be allowed to progress through the initial cure or set-up. It should be removed promptly by abrasion or other mechanical means.

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CURED SEALANT IS USUALLY VERY DIFFICULT TO REMOVE WITHOUT ALTERING OR DAMAGING THE SURFACE TO WHICH THE SEALANT HAS BEEN MISAPPLIED.

Precaution:

On contact, uncured sealant causes irritation. Avoid contact with eyes and skin. Contact lens wearers take appropriate precautions. IN CASE OF CONTACT, FLUSH EYES WITH WATER. CALL A PHYSICIAN. Remove from skin with dry cloth or paper towel. KEEP OUT OF REACH OF CHILDREN. Chem-Calk® 600 is manufactured for industrial use only. Use in accordance with Material Safety Data Sheet.

AVAILABILITY

Chem-Calk® 600 acrylic latex caulking compound is available through Bostik Findley distributors in the United States. For the name of your nearest distributor, contact Bostik Findley at 888-603-8558.

Shelf Life:

When stored at or below 80°F (27°C), Chem-Calk® 600 acrylic latex caulking compound has a shelf life of twelve months from date of manufacture.

WARRANTY

Limited Warranty:

All statements, technical information and recommendations set forth herein are based on tests which Bostik Findley believes to be reliable. However, Bostik Findley, Inc. does not guarantee their accuracy or completeness. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. Any sale of this product shall be on terms and conditions set forth on Bostik Findley's order acknowledgment. Bostik Findley, Inc. warrants

that the product conforms with Bostik Findley written specifications, and is free from defects. BOSTIK FINDLEY, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE FOR THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. IN NO CASE WILL BOSTIK FINDLEY, INC. BE LIABLE FOR DIRECT, CONSEQUENTIAL, ECONOMIC OR OTHER DAMAGES.

MAINTENANCE

No maintenance should be needed. If sealant becomes damaged, replace damaged portion. Clean surfaces in damaged area, and repair with fresh Chem-Calk® 600.

TECHNICAL SERVICES

Pretested Adhesion to Substrates (PATS) Program:

The program is intended to eliminate potential field problems by pretesting Bostik Findley's construction sealants with samples of building materials on which the sealant will be applied. The tests will aid in determining the proper surface preparation method, effective solvents for cleaning and whether priming is necessary to achieve optimum adhesion. Following this procedure will remove many of the unknown variables that affect field success.

Test samples or coupons should be identified as to manufacturer, origin, designed use, building project, person and firm originating the request. Appropriate sketches or drawings showing the intended use can be helpful. Contact your local Bostik Findley representative or Bostik Findley Technical Service.